

Government-wide Financial Data Standards

Fred Lehnhoff
Mike Murray
Ed Coia
Marcel Jemio

Overview

- ▶ Enterprise Data Architecture Standards
 - Standardization Efforts Within FMS Business Lines and Across the Enterprise
 - Federal Data Registry / Data Reference Model
 - Data Governance
 - System Interface Standards - XML Schemas
 - Data Warehouses – Data Harmonization
 - Master Data Reference Source



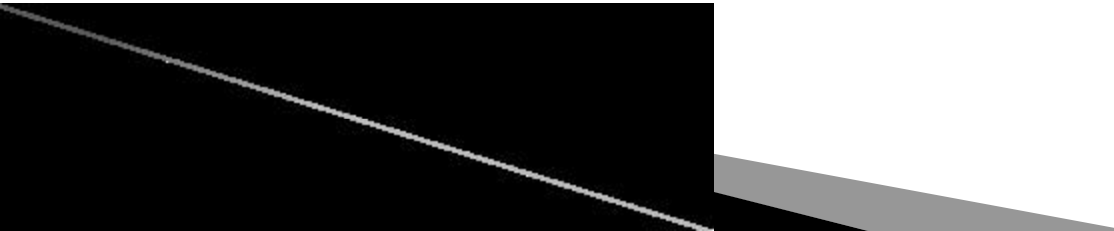
► Activities

- Develop current and future state architectural system plans for each business line.
- Develop enterprise system architectural plan encompassing each future state business system plan.
- Develop a master time line for the enterprise architect plan.

► Stakeholders

- FMS Business Lines, EDA, Federal Agencies

► Accomplishments

- Current and future state architectural plans completed.
 - Enterprise architectural vision in draft form.
 - Master time line developed and under review.
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▶ Activities

- The EDM is conceptual, shows only entity types and principal relationships.
- For master data entities, a logical data model is being developed that will show attributes and details of relationships.
- Master data entities will include all of our standard financial data elements that are used throughout FMS, OMB, CGAC and FMLoB.
- As an interim solution, we are building a repository to assemble and collect data elements and associated metadata.

▶ Stakeholders

- Business Lines, EDA, IR, Treasury, OMB, FMLoB, CGAC, FSIO, FSIO Payments Standardization.

▶ Accomplishments

- Data elements from USSGL, CGAC, (TRS and PAM – partial) will be incorporated into our registry for the first release in September 2007.
- Additional data elements will be added every 60 days.



▶ Activities

- Draft data management policy is under development.
- Working with FMS, FMLoB, CGAC, FSIO, OMB, Treasury, Government Agencies.

▶ Stakeholders

- Business Lines, EDA, IR, FMLoB, CGAC, FSIO, OMB, Treasury, Government Agencies.

▶ Accomplishments

- Currently drafting a proposal to assemble an oversight committee and a working Community of Practice to deal with issues concerning data harmonization.



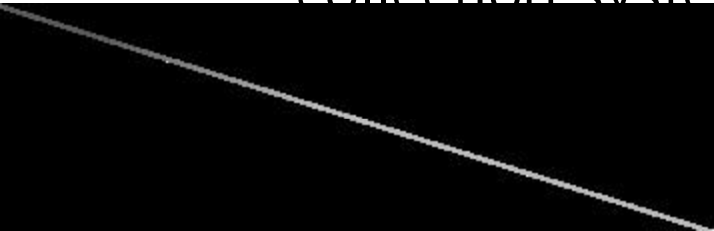
▶ Activities

- Developing flat, extensible system interface to facilitate a uniform and predictable exchange of data.
- Implementation Guide.
- Standardizing XML Tags.

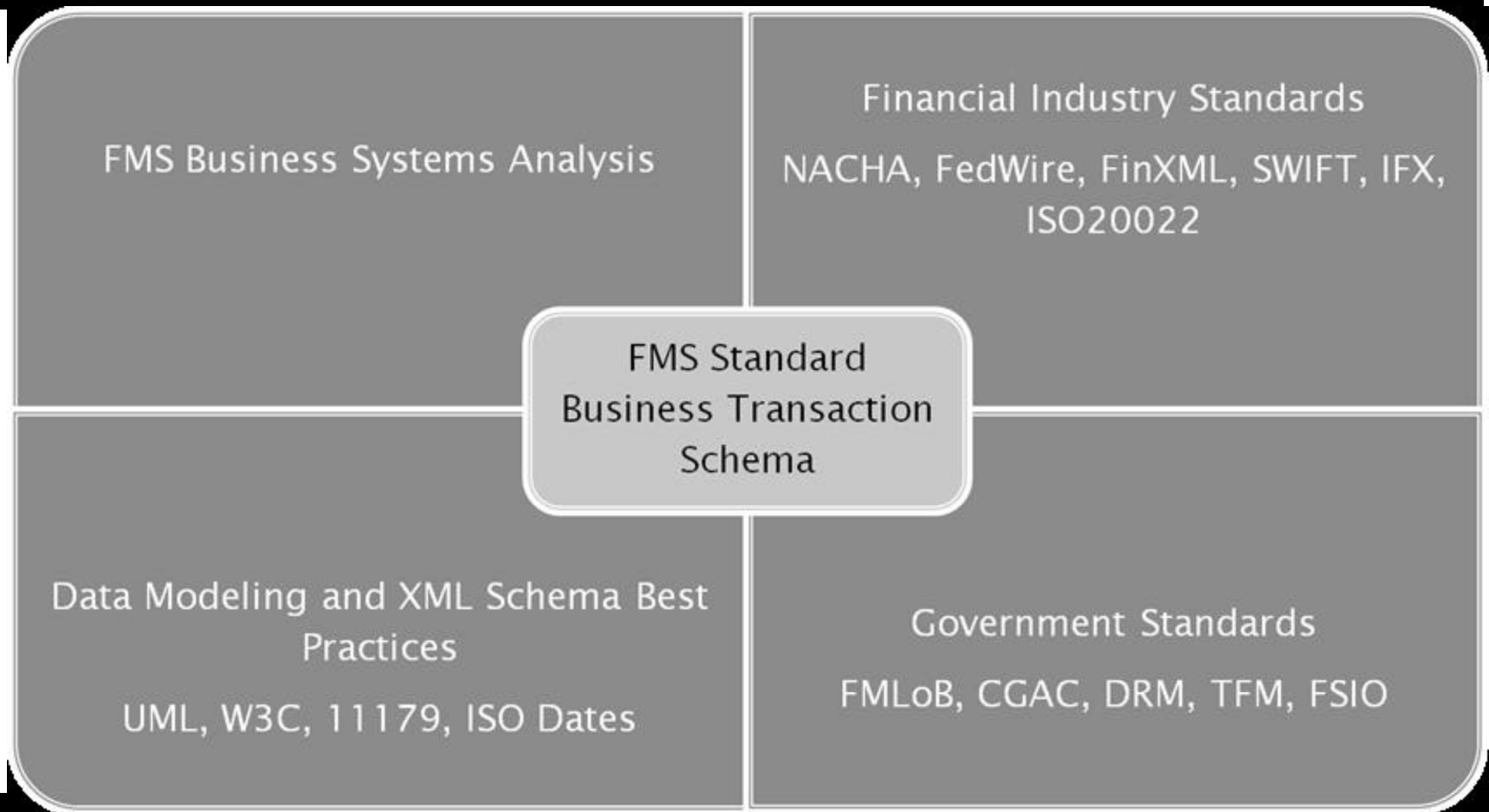
▶ Stakeholders

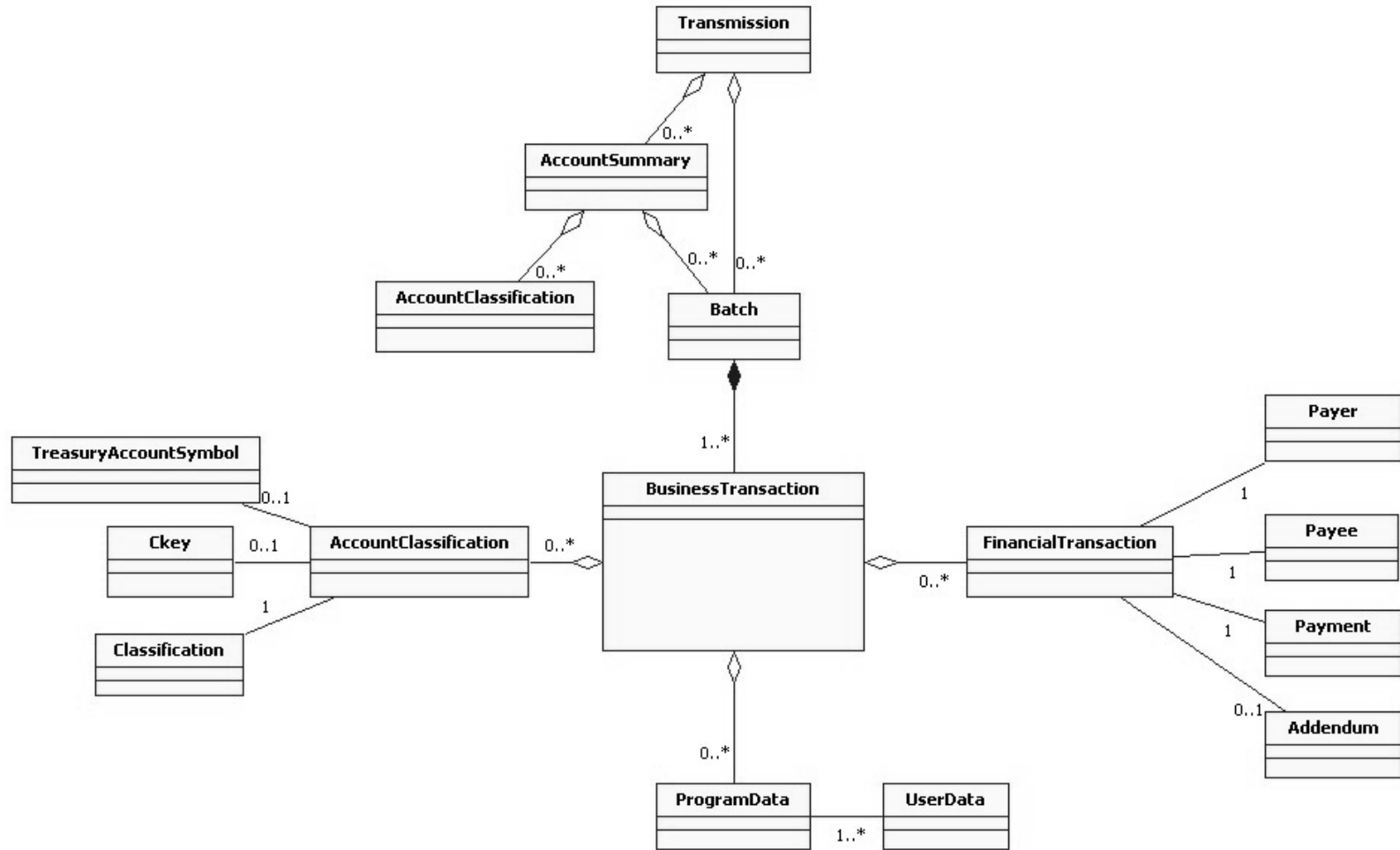
- Business Lines, EDA, IR, FMLoB, CGAC, FSIO, OMB, Treasury, Government Agencies.

▶ Accomplishments

- Standard XML schema has been developed and will be in use in September.
 - Current schema can accommodate 24 distinct collection systems.
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XML Schema Development Methodology





Data Warehouses – Data Harmonization

► Collections

- Transaction Reporting System (TRS)
- Data Normalization Across 24 Disparate Systems.
- Standardized Reporting and Information Feeds to Government Agencies.
- Single Touch Point.

► Similar Data Warehouses

- Payments (PAM)
- Intergovernmental Transfers (IPAC).
- Government-wide Accounting (GWA).

Master Data Reference Source

- ▶ Shared Accounting Module (SAM)
 - Agency Location Code (ALC) Master File
 - Treasury Account Symbol (TAS) Master File
 - Business Event Type Code (BETC) Master File
 - TAS/BETC Master File (Valid Combinations)

- ▶ Data Registry
 - Implementation Guides
 - Schemas

Highlights

▶ Segmented Architecture

- Current system state and future state architecture completed.
- Currently constructing an enterprise-wide future state architecture.
- Currently reviewing an enterprise system implementation timeline.

▶ Data Registry – Data Standardization

- Data normalization work incorporating TRS, PAM and USSGL currently underway – First registry implementation in September.
- Future systems include:
 - Additional Payment Systems
 - Cash Concentration and Settlement
 - Additional GWA Applications
- Working with FMLoB, CGAC, OMB and the FSIO Payments Standardization groups to endorse a single registry of Standard Government-wide Financial Data Elements.

▶ Data Governance

- EDA is aggressively engaged with FMLoB, CGAC, FSIO, Payments Standardization committees, GWA and IR EA.
- Developing a draft Data Governance Policy.

Highlights

► XML Schema / Data Standards

- Standard XML Schema (Release 1) is finalized and will be in use in September.
- Current XML schema can accommodate data interfaces from 24 distinct collection systems.
- Initial work with Payments (PAM) seems to indicate that the same schema can be used for payment related transactions.